

# Flight Safety Officer Professional Knowledge

Flight Safety Officer Training 101- Module 9



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# FSO Professionalism

## Unit Level Tri-P

- Developed and tested at strategic level
- Proven concept & has organizational buy-in
- Employment at operational level is a must

## Aviation is the CG model

- ALMIS, AR&SC, ORM
- Bi-level construct
- Tri-P



# FSO Professional Knowledge

## Safety Subject Matter Expert

- You are the unit expert and leader on safety / safety related matters
  - Not just aviation or flight, ground safety too
- To lead by example must know the standard
- De facto unit IP, FE, FEB, FSB, C&C for safety

## Good News / Bad News

- More policy guidance than any other aviation billet
- No standardized or required PQS prior to start



# FSO Professional Knowledge

## The References- Core Competencies

- COMDTINST M3710.1 (series), Coast Guard Air Operations Manual
  - Pilot first- core of your professional knowledge (aviation)
  - Safety infused throughout- find & educate
    - Chapter 1, Section E
- COMDTINST M5100.47, Safety & Environmental Health Manual
  - FSO Second- your prime resource & answer book



# FSO Professional Knowledge

The References- Safety Specific, OPS related

- COMDTINST 3500.2, Crew Endurance Management
  - Fatigue more widely accepted as causal in poor decision making
- COMDTINST 3500.3, Operational Risk Management
  - ORM also heavily discussed in M5100.47
- COMDTINST 3700.1, Flight Safety For Non-Aircrew Coast Guard Personnel
  - Revision forthcoming



# FSO Professional Knowledge

The References- known the roles of the Tri-P members

- COMDTINST M13020.1 (series), Aeronautical Engineering Maintenance Management Manual
  - Reference for MRM
- COMDTINST M13520.1 (series), Aviation Life Support Systems Manual
  - From life rafts to message blocks, its in there



# FSO Professional Knowledge

The References- known the roles of the Tri-P members

- COMDTINST M13020.3 (series), Contractor's Flight and Ground Operations Manual
  - There was one?
- CGTO PG-85-00-110, Aviation Engineering Maintenance Management Process Guide
  - Chapter 1, Maintenance Support Programs
  - Chapter 2, Aviation Maintenance Safety



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The References- known the roles of the Tri-P members

- COMDTINST M6410.3 (series), Coast Guard Aviation Medicine Manual



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# FSO Professional Knowledge

## The References- Mishap response instructions

- Mishap Investigator's Guide
  - Formerly Senior Member's Guide
  - CG-1131 maintains
  - Offers guidance on Unit Permanent Mishap Board initial actions
- Unit Mishap Response Plan
  - You are the expert, you will be called on to perform
  - Positive “lesson learned,” vice negative “shoulda”



# FSO Professional Knowledge

## The References- Website

- <http://www.uscg.mil/hq/g-w/g-wk/wks/AviationHome.htm>
  - Annual CG Aviation Safety Report
  - e-AVIATRS Help Guide
  - CRM, MRM, ORM guidance
  - Mishap Investigation & Reporting
  - VFDR guidance



# FSO Professional Knowledge

The References- other agencies

- NASA- Aviation Safety Reporting System Callback
- Navy- Approach and Mech magazines
- AF- Flying magazine



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